

WHAT IS CLAIMED IS:

1. In a management information processing system wherein one or more receiving servers receive electronic information originating from a plurality of senders, select specific information included within the electronic information received, create one or more reports containing one or more comments soliciting one or more actions corresponding to the content of the electronic information, and sending the one or more reports to one or more previously established destinations, a management information processing method comprises the steps of:

a) at least one step wherein electronic information is received by the one or more receiving servers;

b) at least one step wherein one or more senders of electronic information are identified by the one or more receiving servers;

c) at least one step wherein the number of received transmissions deemed to have been received from each sender is determined by the one or more receiving servers;

d) at least one step wherein a first priority ranking is decided by the one or more receiving servers based on the number of transmissions received from each sender;

e) at least one search step wherein one or more groups of keywords previously assigned information-related importance levels are used in keyword searching by the one or more receiving servers for one or more keywords contained within the electronic information received at the receiving step;

f) at least one step wherein a second priority ranking is decided by the one or more receiving servers based on respective importance levels assigned to at least one keyword extracted as a result of the keyword search of the received information;

- g) at least one step wherein one or more comments are created by the one or more receiving servers based on the first and second priority rankings; and
- h) at least one step wherein one or more reports are generated by the one or more receiving servers, wherein each report comprises information corresponding to the plurality of senders, the numbers of transmissions received, and attached comments.

2. A management information processing method according to claim 1, wherein at step (e), the one or more groups of keywords comprise one or more shared keywords indicating universal items and one or more individual keywords indicating individual items, and the attached comments comprise first comments previously established to correspond to the one or more shared keywords and second comments previously established to correspond to the one or more individual keywords.

3. A management information processing method according to claim 1, further comprising at least one step (i) wherein a portion of keyword data contained within one or more databases in which one or more individual keywords are saved is moved to one or more databases in which one or more shared keywords are saved.

4. A management information processing method according to claim 1, wherein in step (e), during keyword searching a verification or a comparison of received electronic information with one or more keyword databases is performed, wherein a first investigation is carried out to ascertain whether at least one keyword saved in a shared database is present in the received electronic information, followed by a second

investigation carried out to ascertain whether at least one keyword saved in an individual keyword database is present in the received electronic information.

5. A keyword determination method for determining whether received information comprises one or more words that match one or more keywords registered within any one of a plurality of keyword databases grouped so as to be numbered from a 1st through an nth, where n is a natural number, wherein the method comprises the following steps:

one or more steps wherein each word making up text contained within received information is sequentially compared with one or more keywords belonging to the plurality of grouped keyword databases; and

one or more steps wherein, when there is a matching word, a corresponding Y flag is set and every occurrence of that word is saved in an extracted keyword database, and when there is no match for a particular keyword, a corresponding N flag is set and no word corresponding to that particular keyword is saved to the extracted keyword database.

6. A information processing system connected to receive electronic information, wherein the system includes at least one receiving server, and the at least one receiving server comprises:

a signal receiving component connected to receive the electronic information, wherein the receiving component determines a first priority ranking of the received electronic information;

a keyword analyzing component connected to receive the first priority ranked electronic information and the received electronic information from the receiving

component, wherein the keyword analyzing component performs a keyword search of the received electronic information and determines a second priority ranking of the received electronic information based on keywords extracted from the received electronic information;

a comment component connected to receive the second priority ranked electronic information and the received electronic information from the keyword analyzing component, wherein the comment component calculates a final priority ranking and generates one or more comments based upon the final priority ranking; and

a report component connected to receive the received electronic information, the final priority ranked information and the one or more generated comments, wherein the report component generates one or more reports incorporating the received electronic information, the final priority ranked information, and the one or more generated comments.

7. An information processing system as recited in claim 6, wherein the system is connected to receive electronic information from either the Internet or a computer network system.

8. An information processing system as recited in claim 6, wherein the signal receiving component comprises:

a virus checking component that checks the received electronic information for one or more computer viruses;

a sender determining component connected to receive the received electronic information from the virus checking component, wherein the sender determining

component determines the identity of the sender of the received electronic information;
and

a transmissions determining component connected to receive the received electronic information from the virus checking component, wherein the transmissions determining component determines the number of transmissions received from each sender.

9. An information processing system as recited in claim 6, wherein the signal receiving component comprises:

a sender determining component connected to receive the received electronic information, wherein the sender determining component determines the identity of the sender of the received electronic information; and

a transmissions determining component connected to receive the received electronic information, wherein the transmissions determining component determines the number of transmissions received from each sender.

10. An information processing system as recited in claim 9, wherein the signal receiving component further comprises a priority ranking component connected to receive input from both the sender determining component and the transmission determining component, wherein the priority ranking component performs the first priority ranking of the received electronic information by utilizing both the identity of and the corresponding number of transmissions received by each sender.

11. An information processing system as recited in claim 6, wherein the keyword analyzing component comprises a keyword determining component connected to access

one or more keyword databases and connected to send output to at least one keyword extracting database, wherein the keyword determining component compares individual words from the received electronic information to each keyword stored in the one or more keyword databases and determines when there is a match so that when there is a match the keyword determining component sets a Y flag and the matched word is saved in the at least one keyword extracting database.

12. An information processing system as recited in claim 6, wherein the comment component comprises a priority ranking determination/comment attachment component that includes a plurality of calculating components and a sorting component, wherein the priority ranking component utilizes the first priority ranking and the second priority ranking to calculate a matrix and assigns the final priority ranking based upon the relative magnitudes of each matrix element.

13. An information processing system as recited in claim 6, wherein the report component organizes the first priority ranking, the second priority ranking, the extracted keywords, the number of received transmissions, the one or more comments, and the received electronic information into a report format, then sends one or more reports to a predetermined destination.

14. A method of processing management information comprising the steps of:
receiving electronic information into a receiving server;
identifying a sender corresponding to each transmission contained within the received electronic information;

determining the number of received transmissions contained within the received electronic information; and

performing a first priority ranking of the received electronic information based upon sender criteria and the number of received transmissions.

15. A method as recited in claim 14, wherein the received electronic information is checked for one or more computer viruses when received into the server.

16. A method as recited in claim 14, further comprising the steps of:
performing a keyword search on the received electronic information, wherein the keyword search includes comparing a first keyword stored in a keyword database to each word in the received electronic information and setting a Y flag when there is a match and setting a N flag when there is no match.

17. A method as recited in claim 16, wherein each time the Y flag is set, the word matching the keyword is saved in an extracted keyword database.

18. A method as recited in claim 17, further comprising the steps of:
performing a second priority ranking of the received electronic information based upon one or more extracted keywords; and
performing a final priority ranking of the received electronic information based upon a matrix calculation utilizing the first priority ranking and the second priority ranking.

19. A method as recited in claim 18, further comprising the step of:

generating one or more comments corresponding to the one or more previously extracted keywords and the final priority ranking and attaching these one or more comments to the received electronic information.

20. A method as recited in claim 19, further comprising the step of:
organizing the first priority ranking, the second priority ranking, the extracted keywords, the number of received transmissions, the one or more comments, and the received electronic information into a report format, then sending one or more reports to a predetermined destination.